

WE CLAIM:

1 1. A box-erecting apparatus comprising:
2 a supply holding a stack of flattened blanks;
3 an erecting station spaced in a transport direction
4 from the supply and provided with means including a plunger for
5 erecting a flattened blank into an upwardly open box;
6 a support between the supply and the station positioned
7 to receive a flattened blank;
8 an inner arm between the supply and the station and
9 having an inner end pivoted about an inner axis transverse to the
10 direction and an outer end;
11 an outer arm having an inner end pivoted on the inner-
12 arm outer end about an outer axis generally parallel to the inner
13 axis and an outer end;
14 a grab on the outer-arm outer end; and
15 drive means for pivoting the arms about the respective
16 axes between a position with the grab engaging one of the blanks
17 in the support and a position depositing one of the blanks on the
18 support.

1 2. The box-erecting apparatus defined in claim 1
2 wherein the drive means includes respective independently
3 operable drives connected to the arms.

1 3. The box-erecting apparatus defined in claim 2
2 wherein the inner and outer axes are horizontal and the direction
3 is horizontal.

1 4. The box-erecting apparatus defined in claim 3
2 wherein the support is horizontally displaceable in the transport
3 direction.

1 5. The box-erecting apparatus defined in claim 3
2 wherein the supply and inner axes are horizontally displaceable
3 on the apparatus.

1 6. The box-erecting apparatus defined in claim 3
2 wherein the plunger is vertically adjustable.

1 7. The box-erecting apparatus defined in claim 6
2 wherein the plunger is vertically shiftable between an upper
3 position and a lower position and the upper position is
4 adjustable.

1 8. The box-erecting apparatus defined in claim 1
2 wherein the erecting station includes elements engageable with
3 flaps of the blank.

1 9. The box-erecting apparatus defined in claim 8
2 wherein the elements form an upwardly open die that is openable
3 in the transport direction.